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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : John Edward Norris Morten  
Serial No. : 09/977,221  
Filed : October 16, 2001  
Title : CHEMICAL COMPOUNDS

Art Unit : 1634  
Examiner : J.C. Einsmann

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed.

This statement is being filed before the receipt of a first Office action on the merits. No fees are believed to be due. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

April 17, 2003

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| Substitute Form PTO-1449<br>(Modified)<br><br><b>APR 21 2003</b><br>PATENT & TRADEMARK OFFICE<br>(37 CFR § 1.106(b)) | U.S. Department of Commerce<br>Patent and Trademark Office                                    |  | Attorney's Docket No.<br><b>06275-262001</b> | Application No.<br><b>09/977,221</b> |
|  | <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary) |  |  |                                      |
|  | Applicant<br><b>John Edward Norris Morten</b>   |  | Filing Date<br><b>October 16, 2001</b>       | Group Art Unit<br><b>1634</b>        |

| U.S. Patent Documents |           |                 |                  |                     |       |          |                            |
|-----------------------|-----------|-----------------|------------------|---------------------|-------|----------|----------------------------|
| Examiner Initial      | Desig. ID | Document Number | Publication Date | Patentee            | Class | Subclass | Filing Date If Appropriate |
|                       | AA        | 6,133,434       | 10/17/2000       | Buell <i>et al.</i> | 536   | 23.5     | 04/28/1997                 |
|                       | AB        |                 |                  |                     |       |          |                            |
|                       | AC        |                 |                  |                     |       |          |                            |

| Foreign Patent Documents or Published Foreign Patent Applications |           |                 |                  |                          |       |          |             |    |
|---|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
| Examiner Initial  | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|   |           |                 |                  |                          |       |          | Yes         | No |
|   | AD        | WO99/29660A1    | 06/17/1999       | PCT                      |       |          |             |    |
|   | AE        | WO99/29661A1    | 06/17/1999       | PCT                      |       |          |             |    |
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|   | AG        | WO00/61569A1    | 10/19/2000       | PCT                      |       |          |             |    |
|   | AH        |                 |                  |                          |       |          |             |    |

| Other Documents (include Author, Title, Date, and Place of Publication) |           |   |
|---|-----------|---|
| Examiner Initial  | Desig. ID | Document  |
|   | AI        | G.N. Buell, <i>et al.</i> "Gene Structure and Chromosomal Localization of the Human P2X <sub>7</sub> Receptor," Receptors and Channels, Vol. 5, pp. 347-354 (1998).                                       |
|   | AJ        | Ben J. Gu, <i>et al.</i> "A Glu-496 to Ala Polymorphism Leads to Loss of Function of the Human P2X <sub>7</sub> Receptor," The Journal of Biological Chemistry, Vol. 276, No. 14, pp. 11135-11142 (2001). |
|   | AK        | Francois Rassendren, <i>et al.</i> "The Permeabilizing ATP Receptor P2X <sub>7</sub> ," The Journal of Biological Chemistry, Vol. 272, No. 9, pp. 5482-5486 (1997).                                       |
|   | AL        | James S. Wiley, <i>et al.</i> "Genetic Polymorphisms of the Human P2X <sub>7</sub> Receptor and Relationship to Function," Drug Development Research, Vol. 53, pp. 72-76 (2001).                          |

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|--|-----------------|
| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |